

NOTED

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau

K. STRITENBERGER

(43) International Publication Date  
21 December 2000 (21.12.2000)

PCT

(10) International Publication Number  
WO 00/76489 A2(51) International Patent Classification<sup>7</sup>: A61K 31/00

(21) International Application Number: PCT/US00/15071

(22) International Filing Date: 31 May 2000 (31.05.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/138,550 10 June 1999 (10.06.1999) US(71) Applicants (for all designated States except US):  
WARNER-LAMBERT COMPANY [US/US]; 201 Tabor  
Road, Morris Plains, NJ 07950 (US). YAMANOUCHI  
PHARMACEUTICAL COMPANY, LTD. [JP/JP]; 17-1,  
Hasune 2-chome, Itabashi ku, Tokyo 174-8612 (JP).

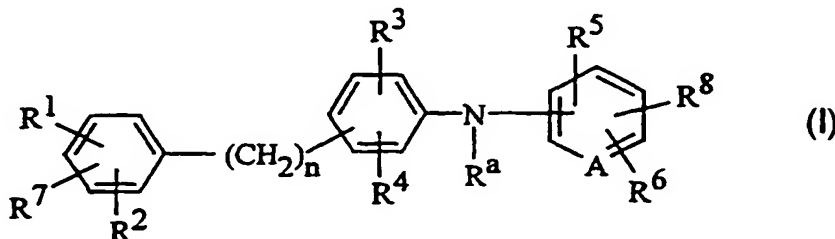
(72) Inventors; and

(75) Inventors/Applicants (for US only): AUGELLI-  
SZAfran, Corinne, Elizabeth [US/US]; 2812 Aspen  
Ridge Drive, Ann Arbor, MI 48103 (US). BARVIAN,  
Mark, Robert [US/US]; 1037 Morningside Drive, Ann  
Arbor, MI 48103 (US). BIGGE, Christopher, Franklin  
[US/US]; 2400 Parkside Drive, Ann Arbor, MI 48105 (US).  
GLASE, Shelly, Ann [US/US]; 4468 Hillside Court, Ann  
Arbor, MI 48105 (US). HACHIYA, Shunichiro [JP/JP];  
202, 5-9, Ninomiya 2-chome, Tsukuba, Ibaraki 305-0051  
(JP). KEILY, John, Steven [US/US]; 4230 Corte Facil,  
San Diego, CA 92130 (US). KIMURA, Takenori [JP/JP];  
701, 11-3, Umezono 2-chome, Tsukuba, Ibaraki 305-0045  
(JP). LAI, Yingjie [CA/US]; 27H Reading Road, Edison,NJ 08817 (US). SAKKAB, Annette, Theresa [US/US];  
39790 Foxway Court, Northville, MI 48167 (US). SUTO,  
Mark, James [US/US]; 1442 Sandal Lane, La Jolla,  
CA 92037 (US). WALKER, Lary, Craswell [US/US];  
4890 North Ridgeside Circle, Ann Arbor, MI 48105  
(US). YASUNAGA, Tomoyuki [JP/JP]; 13-18, Minami  
3-chome, Ushiku-shi, Ibaraki 300-1222 (JP). ZHUANG,  
Nian [CN/US]; 5139 Blue Spruce Drive, Ypsilanti, MI  
48197 (US).(74) Agents: RYAN, M., Andrea; Warner-Lambert Company,  
201 Tabor Road, Morris Plains, NJ 07950 et al. (US).(81) Designated States (national): AE, AG, AL, AU, BA, BB,  
BG, BR, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR,  
HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA,  
MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK,  
SL, TR, TT, UA, US, UZ, VN, YU, ZA.(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

## Published:

— Without international search report and to be republished  
upon receipt of that report.For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF INHIBITING AMYLOID PROTEIN AGGREGATION AND IMAGING AMYLOID DEPOSITS



(57) Abstract: The present invention provides a method of treating Alzheimer's disease using a compound of Formula (I). Also provided is a method of inhibiting the aggregation of amyloid proteins using a compound of the Formula (I) and a method of imaging amyloid deposits, as well as new compounds of Formula (I).

Express Mail No. EF378134357US

WO 00/76489 A2